

REMARKS

Applicants' undersigned counsel thanks Examiner Weber for the helpful and courteous conversation during the telephone interview held on Thursday, September 4, 2003. The following comments address the points discussed during the interview.

Rejection of Claims 31-46 Under 35 USC §112, Second Paragraph:

This rejection is believed to have been overcome by appropriate amendment to Claims 31 and 38, in accordance with the Examiner's recommendation.

The amendment to Claim 31 enjoys explicit support at page 16, first paragraph, of the specification.

The amendment to Claim 38, wherein the previous EC classification number 3.1.4.10 has been changed to 3.1.4.13 is supported by Exhibits A and B, attached hereto. The two Exhibits are print-outs from the IUBMB Enzyme Nomenclature Web Site. The print-outs were generated on September 4, 2003, as noted in the footer of each Exhibit. Exhibit A shows that the former EC designation 3.1.4.10 has been transferred to EC 3.1.4.13. Exhibit B is the printout giving the details of enzymes falling within the reclassified EC 3.1.4.13. As noted in Exhibit B, the reaction catalyzed by enzymes falling within EC 3.1.4.13 is: serine phospho-ethanolamine + H₂O → serine + ethanolamine phosphate.

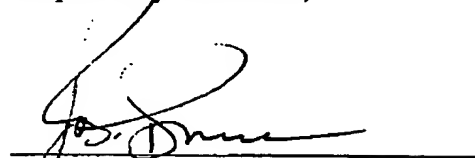
Thus, the insertion of EC 3.1.4.13 into Claim 38 is simply to account for the change in classification by the IUBMB.

The recitation of EC 3.1.4.11 has been deleted from Claim 38.

CONCLUSION

Applicants submit that the application is now in condition for allowance. Early notification of such action is earnestly requested.

Respectfully submitted,



Joseph T. Leone, Reg. No. 37,170
DEWITT ROSS & STEVENS S.C.
8000 Excelsior Drive, 4th Floor
Madison, Wisconsin 53717-1914
Telephone: (608) 831-2100
Facsimile: (608) 831-2106

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EC 3.1.4.10

IUBMB Enzyme Nomenclature

EC 3.1.4.10

Transferred entry: now **EC 4.6.1.13**, phosphatidylinositol diacylglycerol-lyase. As there is no hydrolysis of the inositol 1,2-cyclic phosphate formed, previous classification of the enzyme as a hydrolase was incorrect.

[EC 3.1.4.10 created 1972, modified 1976, deleted 2002]

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IUBMB Enzyme Nomenclature

EC 3.1.4.13

Common name: serine-ethanolaminephosphate phosphodiesterase

Reaction: serine phosphoethanolamine + H₂O = serine + ethanolamine phosphate

Other name(s): serine ethanolamine phosphodiester phosphodiesterase; SEP diesterase

Systematic name: serine-phosphoethanolamine ethanolaminephosphohydrolase

Comments: Acts only on those phosphodiesterases that have ethanolamine as a component part of the molecule.

Links to other databases: [BRENDA](#), [EXPASY](#), [KEGG](#), [WIT](#), CAS registry number: 37288-20-3

References:

1. Hagerman, D.D., Rosenberg, H., Ennor, A.H., Schiff, P. and Inove, S. The isolation and properties of chicken kidney serine ethanolamine phosphate phosphodiesterase. *J. Biol. Chem.* 240 (1965) 1108-1012.

[EC 3.1.4.13 created 1972, modified 1976]

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